

ABSTRACT

A current driving apparatus and method for active matrix organic light emitting diode (AMOLED) includes two abutting sub-pixels (an odd sub-pixel and an even sub-pixel). The driving apparatus of each sub-pixel
5 includes a writing element, a switching element, a driving element, a control element, a storage element, and a light emission element. The driving circuit includes odd line enable for the odd sub-pixels, even line enable for the even sub-pixels, a dataline shared by odd sub-pixels and even sub-pixels, a scan line, a supply line, and a common line. The invention can
10 improve the uniformity of the AMOLED panel and reduce the number of required data line.